

CLAIMS:

SUB B2/1

1. A method for coding a presentation, the coded presentation comprising at least one presentation element and a play-out specification of the presentation element indicating how the presentation element is to be played out, characterized in that the coded presentation comprises a sub-presentation which comprises the presentation element, and
- 5 that the sub-presentation is provided with an interface providing a reference for the play-out specification of the presentation element.
2. A method according to Claim 1, wherein the sub-presentation comprises a
- 10 sequence of presentation elements which are to be presented one after the other.
3. A method according to Claim 1, wherein the sub-presentation comprises a group of presentation elements which are to be presented simultaneously with respect to each other.
- 15 4. A method according to Claim 1 wherein the play-out specification includes a timing specification specifying timing behavior of the presentation element and wherein the interface of the sub-presentation provides a time reference relative to which the timing specification for the presentation element is specified.
- 20 5. A method according to Claim 4, wherein the timing specification specifies the start of the presentation element with respect to the time reference of the sub-presentation.
6. A method according to Claim 4, wherein the timing specification specifies the
- 25 duration of the presentation element with respect to the time reference of the sub-presentation.
7. A method according to Claim 1, wherein the play-out specification includes a location specification specifying a location of the presentation element when presented and

0410225 102030

wherein the interface of the sub-presentation provides a location frame of reference relative to which the location specification for the presentation element is specified.

8. A method according to Claim 1, wherein the interface of the sub-presentation provides a sub-presentation priority specifying a priority with respect to presenting the sub-presentation.

SUB B37 9. A method for playing out a coded presentation comprising at least one presentation element, in which method the presentation element is played out according to a play-out specification, characterized in that the presentation comprises a sub-presentation which comprises the presentation element, that the sub-presentation comprises an interface providing a reference, and that the presentation element is played out according to the play-out specification relative to this reference.

10. ~~An apparatus for playing out a coded presentation, according to the method of Claim 9.~~

SUB B4 11. An apparatus comprising a converter module for amending a coded presentation, the coded presentation comprising:

- at least one presentation element, and
- a play-out specification of the presentation element,

characterized in that the coded presentation comprises a sub-presentation which comprises the presentation element, that the sub-presentation comprises an interface providing a reference for the play-out specification of the presentation element, and that the converter module is arranged to substitute the sub-presentation by a further sub-presentation comprising a corresponding interface.

12. An information carrier comprising a coded presentation, coded according to the method of any of the Claims 1 to 8.

ADD A5 >

ADD B6 >

ADD
C1
ADD
E1